

Conference Abstract

ELIXIR: Data for Life - Coordinating life science data and services across Europe

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Abstract

[ELIXIR](#) unites Europe's leading life science organisations in managing and safeguarding the increasing volume of data being generated by publicly funded research. It coordinates, integrates and sustains bioinformatics resources across its 22 member states, plus [EMBL-EBI](#) (European Molecular Biology Laboratory - European Bioinformatics Institute), and enables end users to access services and data that are vital for their research. ELIXIR's remit spans the full breadth of life science data, including data related to human health, food production (agriculture, farming, aquaculture) and the environment (e.g. pollution remediation, ecology), all of clear socio-economic benefit. As a result, ELIXIR contributes to the delivery of several sustainable development goals. This poster will introduce ELIXIR and describe the contribution it can make to coordinating data and services relevant to biodiversity. The poster will set the context for how molecularly-derived biodiversity occurrence data can significantly enhance resources such as the Global Biodiversity Information Facility ([GBIF](#)) and the Ocean Biogeographic Information System ([OBIS](#)), e.g. by filling in acute gaps in our knowledge of species across realms.

Keywords

informatics, ELIXIR, infrastructure, data, services

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